

**Power shortage in summer months**

†442. SHRI RAM JETHMALANI:

MS. SUSHILA TIRIYA:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that power shortage in the country is likely to increase in coming months;

(b) if so, Government's reaction thereto;

(c) whether Government have also assessed the demand and supply of power in each State in the country for the coming months of the current year; and

(d) if so, the details thereof?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) and (b) The energy and peak shortage in the country during the month of March, 2007 was 10.4% (6,380 MU) and 13.7% (13,728 MW) respectively. While energy shortage during April, 2007 remained at the level of 10.4% (6,344 MU), the peaking shortage increased marginally to 13.9% (14,405 MW). During the month of April, 2007, the overall increase in generation in the country was of the order of 8.6% as compared to April, 2006 and the PLF of Thermal Power Stations (TPSSs) in the country also increased to 81.8% in April, 2007 as compared to 78.3% in April, 2006. The extent of shortage of power in the country in the coming months would primarily depend on the ambient temperature as well as intensity of monsoon in various States/Regions. In order to mitigate the power shortage in the coming months, following steps are being taken:

(i) Rescheduling of maintenance programme of generating stations so as to avoid their shutdown during summer months.

(ii) Close monitoring of capacity addition of the ongoing generation project to expedite their commissioning.

(iii) Purchase of R-LNG from the spot market.

(iv) Utilization of unutilized capacity of gas based stations on liquid fuel.

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†Original notice of the Question was received in Hindi.

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- (v) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.
  - (vi) Improving PLF of existing thermal power stations through "Partnership in Excellence" Programme.
  - (vii) Optimum utilization of available power through *inter-state* and *inter-regional* transmission system.
  - (viii) Promoting demand side management, energy efficiency and energy conservation measures.
  - (ix) Rigorous monitoring of production, transportation and supply of coal by an Inter-Ministerial Group comprising representatives of Ministry of Coal, Ministry of Power, Ministry of Railways, Central Electricity Authority and Coal India Limited with a view to avoid loss of generation due to shortage of coal.
- (c) and (d) State-wise requirement (demand) and availability (supply) of power in the country during May, June & July, 2007 has been assessed and is given in the enclosed. Statement.

***Statement***

*State-wise Anticipated Power Supply Position for the period May 2007 to July, 2007*

ENERGY (figures in MU net)

STATES/UTS	May-07	Jun-07	Jul-07
1	2	3	4
NORTHERN REGION:			
CHANDIGARH			
Requirement	136.71	138.60	152.21
Availability	130.74	131.97	138.60
DELHI			
Requirement	2294.00	2220.00	2387.00
Availability	2315.77	2296.15	2335.68
HARYANA			

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HIMACHAL			
PRADESH	465.00	465.00	477.00
Requirement	863.22	906.17	990.33
Availability			
JAMMU AND	1054.00	1050.00	1054.00
KASHMIR	816.18	853.66	861.84
Requirement	3348.00	4530.00	5239.00
Availability			
PUNJAB	3047.30	3434.89	3493.97
Requirement	2883.00	2820.00	2635.00
Availability			
RAJASTHAN	2949.24	2965.85	2797.71
Requirement	4929.00	4950.00	5115.00
Availability			
UTTAR PRADESH	4547.70	4758.88	4787.37
Requirement	539.40	546.00	582.80
Availability			
UTTARANCHAL	481.11	549.69	614.87
Requirement			
Availability			
<b>WESTERN</b>	6108	5675	5300
<b>REGION</b>	5302	5023	4791
GUJARAT			
Requirement	1339	1224	1190
Availability	1231	1147	1080
CHHATTISGARH			
Requirement	3020	2640	2400
Availability	2952	2858	3415
MADHYA			
PRADESH	11000	9800	9600
Requirement	8731	8191	7560
Availability			
MAHARASHTRA			
Requirement			
Availability			

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1	2	3	4
GOA			
Requirement	245	240	230
Availability	235	242	212
DD & DNH			
Requirement	392	395	400
Availability	375	372	362
SOUTHERN REGION			
ANDHRA PRADESH			
Requirement	4697	4576	5010
Availability	4660	4820	4483
KARNATAKA			
Requirement	3597	3047	3308
Availability	3825	3599	3417
KERALA			
Requirement	1281	1192	1197
Availability	1179	1097	1087
TAMIL NADU			
Requirement	5359	5706	5834
Availability	5245	5622	5651
PONDICHERRY			
Requirement	173	156	171
Availability	162	155	133
EASTERN REGION			
BIHAR			
Requirement	848	821	811
Availability	684	794	828
JHARKHAND			
Requirement	345	330	345
Availability	404	459	372
DVC			
Requirement	1013	989	1032
Availability	1063	1073	1147

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1	2	3	4
ORISSA			
Requirement	1447	M29	1399
Availability	1546	1579	1567
WEST BENGAL			
Requirement	2500	2470	2489 .
Availability	2424.9	2572.2	2495.1
SIKKIM			
Requirement	21	20	21
Availability	45.98	44.98	46.98
NORTH-EASTERN REGION			
ARUNACHAL PRADESH			
Requirement	100.0	100.0	100.0
Availability	50.7	55.2	80.3
ASSAM			
Requirement	456.0	485.0	513.0
Availability	405.0	448.1	579.0
MANIPUR			
Requirement	46.2	48.3	51.5
Availability	40.8	46.7	66.4
MEGHALAYA			
Requirement	103.0	122.0	130.0
Availability	87.4	117.9	141.8
MIZORAM			
Requirement-	32.0 •	32.0	46.0
Availability	- 268	30.9	40.8
NAGALAND			
Requirement	41.0	47.3	50.4
Availability	36.9	47.6	59.9
TRIPURA			
Requirement	60.0	72.1	70.8
Availability	78.3	85.3	^ 100.4

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*State-wise anticipated power supply position for the period May, 2007 to  
July, 2007*

PEAK (Figures in MW net)

STATES/UTS	May-07	Jun-07	Jul-07
1	2	3	4
NORTHERN REGION			
CHANDIGARH			
Peak Demand	273	250	263
Peak Availability	190	206	205
DELHI			
Peak Demand	3950	3860	4140
Peak Availability	3390	3450	3430
HARYANA			
Peak Demand	4340	5100	5190
Peak Availability	3270	3790	3730
HIMACHAL PRADESH			
		*	
Peak Demand	850	860	850
Peak Availability	1660	1650	1690
JAMMU AND KASHMIR			
Peak Demand	1480	1550	1450
Peak Availability	1200	1060	1070
PUNJAB			
Peak Demand	6040	9370	9630
Peak Availability	4980	5810	5810
RAJASTHAN			
Peak Demand	5080	5020	4620
Peak Availability	4890	5020	4600
UTTAR PRADESH			
Peak Demand	8540	8720	8770
Peak Availability	7050	7600	7250
UTTARANCHAL			
Peak Demand	1040	1080	1090
Peak Availability	990	1070	1000

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1	2	3	4
WESTERN REGION			
GUJARAT			
Peak Demand	10143	9987	8882
Peak Availability	8000	7944	7525
CHHATTISGARH			
Peak Demand	2360	2160	2200
Peak Availability	1902	■1859	1660
MADHYA PRADESH			
Peak Demand	5500	5000	4500
Peak Availability	4512	4561	4589
MAHARASHTRA			
Peak Demand	17650	17600	15200
Peak Availability	12250	12250	11667
GOA			
Peak Demand	440	410	390
Peak Availability	372	372	311
D&NH			
Peak Demand	607	613	618
Peak Availability	499	512 ,	458
SOUTHERN REGION			
ANDHRA PRADESH			
Peak Demand	7205	7852	8417
Peak Availability	7129	7628	6860
KARNATAKA			
Peak Demand	6446	5643	5928
Peak Availability	6126	5947	5991
KERALA			
Peak Demand	2772	2728	2632
Peak Availability	2712	2651	2502
TAMIL NADU			
Peak Demand	9038	8915	8952
Peak Availability	8481	9024	8583

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1	2	3	4
PONDICHERRY			
Peak Demand	284	279	288
Peak Availability	215	212	181
EASTERN REGION			
BIHAR			
Peak Demand	1375	1375	1325
Peak Availability	1059	1198	1174.5
JHARKHAND			
Peak Demand	720	720	720
Peak Availability	584	768	642.3
DVC			
Peak Demand	1690	1710	1725
Peak Availability	1501.35	1538.8	1674.4
ORISSA			
Peak Demand	2430	2480	2350
Peak Availability	2623	2796	2433
WEST BENGAL			
Peak Demand	4431.372549	4387.254902	4441.176471
Peak Availability	3889.328	4110.968	4043.56
SIKKIM			
Peak Demand	55	53	53
Peak Availability	68	68	66
NORTH-EASTERN REGION			
ARUNACHAL PRADESH			
Peak Demand	135.0	135.0	135.0
Peak Availability	131.7	135.1	133.9
ASSAM			
Peak Demand	800.0	850.0	900.0
Peak Availability	806.9	834.4	841.6
MANIPUR			
Peak Demand	97.7	105.0	107.1
Peak Availability	106.4	109.6	111.3

1	2	3	4
<b>MEGHALAYA</b>			
Peak Demand	385.0	385.0	385.0
Peak Availability	164.9	198.3	205.9
<b>MIZORAM</b>			
Peak Demand	58.0	58.0	58.0
Peak Availability	68.1	69.3	70.5
<b>NAGALAND</b>			
Peak Demand	69.3	97.7	97.7
Peak Availability	98.6	111.2	110.8
<b>TRIPURA</b>			
Peak Demand	167.9	169.0	167.8
Peak Availability	1436	167.4	159.2

**Plant on renewable energy in Jharkhand**

\*443. MS. MABEL REBELLO: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government have ever started any plant on renewable energy in Jharkhand;

(b) if so, the details thereof for the last three years giving the location, district, block and village-wise; and

(c) if not, the reasons therefor and by when some plants of renewable energy will be started in Jharkhand?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) The Ministry creates awareness and provides technical guidance and central financial assistance (CFA) under its schemes/programmes for encouraging deployment of new and renewable energy systems/devices in the country. Details of renewable energy plants set up in Jharkhand with CFA during the last three years, *i.e.*, 2004-05, 2005-06 and 2006-07 are given below:

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